

Title (en)

FOOTWEAR INSOLE FOR ALLEVIATING ARTHRITIS PAIN

Title (de)

SCHUHEINLEGESOHLE ZUR LINDERUNG VON ARTHRITISCHEN SCHMERZEN

Title (fr)

SEMELLE DE CHAUSSURE DESTINÉE À SOULAGER UNE DOULEUR D'ARTHRITE

Publication

EP 2381903 A1 20111102 (EN)

Application

EP 09795871 A 20091218

Priority

- US 2009068645 W 20091218
- US 34147408 A 20081222

Abstract (en)

[origin: US2010154252A1] Disclosed is a footwear insole for alleviating arthritis pain of the foot, knee, and/or hip by providing a rigid shell layer for arch support, and a topcloth, an upper cushioning layer, and a lower cushioning layer for cushioning. Further, the rigid shell layer includes a shell aperture, and the lower cushioning layer includes a lower layer aperture, through which a portion of the upper cushioning layer extends for cushioning.

IPC 8 full level

A61F 5/14 (2006.01); **A43B 7/28** (2006.01); **A61F 5/01** (2006.01)

CPC (source: EP US)

A43B 7/14 (2013.01 - EP US); **A43B 7/141** (2013.01 - EP US); **A43B 7/144** (2013.01 - EP US); **A43B 7/1445** (2013.01 - EP US); **A43B 7/223** (2013.01 - EP US); **A43B 13/026** (2013.01 - EP US); **A43B 13/12** (2013.01 - EP US); **A43B 17/023** (2013.01 - EP US); **A61F 5/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2010075196A1

Cited by

USD903268S; USD906658S; USD935758S

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2010154252 A1 20100624; **US 8479413 B2 20130709**; AR 075559 A1 20110420; AU 2009330226 A1 20100701; BR PI0923624 A2 20160119; BR PI0923624 B1 20200915; BR PI0923624 B8 20210622; CA 2747958 A1 20100701; CA 2747958 C 20180417; CO 6390093 A2 20120229; EP 2381903 A1 20111102; EP 2381903 B1 20150114; ES 2534636 T3 20150427; JP 2012513246 A 20120614; MX 2011006719 A 20111011; PL 2381903 T3 20151231; WO 2010075196 A1 20100701

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US 34147408 A 20081222; AR P090105017 A 20091221; AU 2009330226 A 20091218; BR PI0923624 A 20091218; CA 2747958 A 20091218; CO 11079295 A 20110623; EP 09795871 A 20091218; ES 09795871 T 20091218; JP 2011542465 A 20091218; MX 2011006719 A 20091218; PL 09795871 T 20091218; US 2009068645 W 20091218